



3500.017374

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
: Examiner: Unassigned
KEIJI TOMIZAWA ET AL.)
: Group Art Unit: Unassigned
Application No.: 10/614,009)
:
Filed: July 8, 2003)
:
For: INK JET RECORD HEAD) September 26, 2003

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56 and in accordance with the practice under 37 C.F.R. §§ 1.97 and 1.98, the Examiner's attention is directed to the documents listed on the enclosed Form PTO-1449. A copy of each of the listed documents is enclosed.

The Examiner's attention is also directed to the following U.S. Applications, a copy of each of which is enclosed:

<u>Application Number</u>	<u>Inventor(s)</u>	<u>Filing Date</u>	<u>Group Art Unit</u>	<u>Status</u>
10/614,159	Keiji Tomizawa Shuichi Murakami Mitsuhiro Matsumoto	July 8, 2003	Unassigned	Pending

<u>Application Number</u>	<u>Inventor(s)</u>	<u>Filing Date</u>	<u>Group Art Unit</u>	<u>Status</u>
10/419,843	Shuichi Murakami Michinari Mizutani	April 22, 2003	2861	Pending
10/419,839	Ken Tsuchii Mineo Kaneko Keiichiro Tsukuda Masaki Oikawa Kenji Yabe Keiji Tomizawa	April 22, 2003	2853	Pending
10/621,347	Shuichi Murakami Keiji Tomizawa	July 18, 2003	Unassigned	Pending

Japanese Patent Application Laid-Open No. 4-10941 is discussed at pages 3 and 13 of the specification and may be relevant for the reasons discussed therein.

Japanese Patent Application Laid-Open Nos. 54-161935, 61-185455, and 61-249768 are discussed at page 3 of the specification and may be relevant for the reasons discussed therein.

Japanese Patent Application Laid-Open No. 4-10940 is discussed at page 13 of the specification and may be relevant for the reasons discussed therein.

U.S. Patent No. 5,218,376 is a U.S. counterpart to Japanese Patent Application Laid-Open Nos. 4-10940 and 4-10941.

Abstracts for Japanese Patent Application Nos. 4-10940, 4-10941, 54-161935, 61-185455 and 61-249768, obtained from a commercial database, are enclosed for the Examiner's convenience.

FORMAL MATTERS

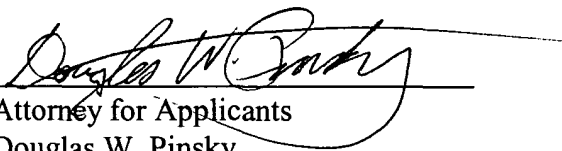
In accordance with 37 C.F.R. §1.97(b), since this Information Disclosure Statement is being filed within three months of the filing date of the subject application, neither a statement under 37 C.F.R. §1.97(e) nor payment of a fee is required for consideration of this Information Disclosure Statement.

CONCLUSION

It is respectfully requested that the above information be considered by the Examiner and that an initialed copy of the enclosed Form PTO-1449 be returned indicating that such information has been considered.

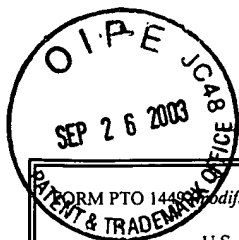
Applicants' undersigned attorney may be reached in our Washington, D.C. office by telephone at (202) 530-1010. All correspondence should continue to be directed to our below-listed address.

Respectfully submitted,



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FORM PTO 1449 (Modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			ATTY DOCKET NO. 03500.017374		APPLICATION NO. 10/614,009		
LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary) September 26, 2003			APPLICANT KEIJI TOMIZAWA ET AL.				
			FILING DATE July 8, 2003		GROUP Unassigned		
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		5,218,376	06/1993	Asai			
		6,137,510	10/2000	Sato et al.			
		6,286,933 B1	09/2001	Murakami et al.			
		6,350,016 B1	02/2002	Tachihara et al.			
		6,439,696 B1	08/2002	Murakami et al.			
		6,443,561 B1	09/2002	Murakami			
		6,520,626 B1	02/2003	Murakami			
		6,540,335 B2	04/2003	Touge et al.			
		2002/0054181 A1	05/2002	Murakami			
		2002/0196299 A1	12/2002	Murakami			
		2003/0058305 A1	03/2003	Murakami et al.			
		2003/0067508 A1	04/2003	Mizutani et al.			
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
		JP 54-161935	12/1979	Japan			Abstract
		JP 61-185455	08/1986	Japan			Abstract
		JP 61-249768	11/1986	Japan			Abstract
		JP 4-10940	01/1992	Japan			Abstract*
		JP 4-10941	01/1992	Japan			Abstract*
OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)							
*Note: U.S. counterpart, Patent No. 5,218,376, is also enclosed.							
EXAMINER				DATE CONSIDERED			

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicants.